

## Specification Sheet

# CELLINK Bioink

**Product Description** Biocompatible material for 3D bioprinting, **Research Grade**. For research use ONLY. Not intended for *in vitro* diagnostics and *in vivo* uses. Not intended for administration in humans or animals.

Produced under sterile and aseptic conditions. Raw materials are tested for sterility and endotoxin level.

<b>Product Number</b>	IK102000	<b>Shelf Life</b>	6 months
<b>Storage</b>	Store at 4-8°C.		
<b>Handling</b>	DO NOT FREEZE. Avoid temperature fluctuations.		
<b>Safety</b>	Handle in accordance with good hygiene and laboratory safety practices.		

Property	Specification	Method
Appearance	Opaque gel	Visual inspection.
Sterility	Sterile	Tested for the presence of bacteria, fungi and yeast. Tested on raw materials.
Endotoxin level	<40 EU/mL	Limulus Amoebocyte Lysate assay, Pharmacopoeia 2.6.14 "Bacterial endotoxins": Method D, accredited by SWEDAC. Accreditation Certification 1240: ISO 15189, 2010-11-22. Tested on raw materials.
Cell viability	≥80% live cells	3D cell culture performed with mesenchymal stem cells for 7 days. Based on routine QC performed every fourth month.
pH	6.5-7.4	Assessed with pH meter.
Viscosity	1-20 000 Pa·s	Tested using rotational 20 mm plate-plate HR-2 TA Instruments Rheometer. Flow sweep parameters: shear rate from 0.002 s <sup>-1</sup> to 500 s <sup>-1</sup> , 25°C.